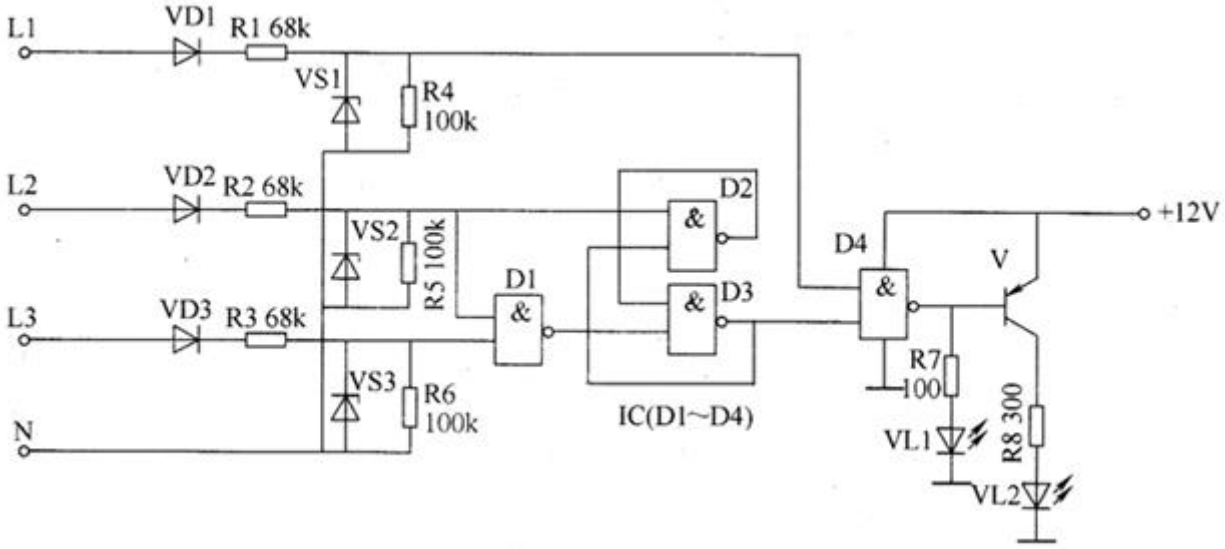

The three-phase alternating current phase detector circuit is composed of the phase sequence detection circuit, trigger control circuit and LED display circuit, and it is shown as the chart. Phase sequence detection circuit is composed of the rectifier diodes VD 1 ~ VD3, resistors R1 ~ R6 and Zeners VS1 ~ VS3. Trigger control circuit consists of four NAND gate integrated circuit IC internal NAND gates D1 ~ D4. LED display circuit consists of NAND gate D4, LEDs VL1, VL2, transistor V and resistors R7, R8. R1 ~ R3 select the 1W metal film resistors: R4 ~ R8 select the 1/4W metal film resistors or carbon film resistors.

HAND = 7400